

# AGGREGATE INDUSTRIES

## Landscaping

### Charcon EcoKerb®



Life®

82%<sup>†</sup> non-primary materials



EcoKerb® has been developed to maximise resource productivity – the optimum use of finite resources by minimising waste and by the use of renewable materials.

- Two product options (Classic and Classic Wide Top) provide a choice of aggregate bases, shades and installed profiles.
- Offers strong visual synergy with the Charcon flag and block paving ranges
- Extremely durable
- Raw materials selected for their environmental benefits with 82% recycled and reclaimed material content.

#### Applications

EcoKerb is specifically designed for use where product appearance and environmental considerations are important criteria.

#### Manufacturing standard

EcoKerb is manufactured using a wet pressed process and is manufactured in accordance with and complies with all relevant sections of BS EN 1340: Concrete Kerb Units – requirements and test methods.

The kerb is then shot blasted to expose the aggregate.

Aggregate Industries fully operates an accredited Quality Assurance scheme, certified to BS EN 9001:2008 which is independently and regularly assessed by BSI (British Standards Institution). All Aggregate Industries manufacturing sites are also certified to BS EN 14001 Environmental Management Systems.

#### Performance with slip resistance

Unpolished slip resistance values, when tested in accordance with BS EN 1340, are available on request. All Aggregate Industries kerb units are classified as having a low potential for slip.

Polished slip resistance values can be provided on request.

#### Complementary products

Designed for use with Aggregate Industries flag and block paving ranges, particularly EcoPave and Appalachian flag paving.



#### Colour swatch



1. Black Fleck

<sup>†</sup> Represents non-primary material within the complete mix design.

#### EcoKerb

Dimensions (mm)	Classic	Classic wide top	Classic crossing	Classic radius	Classic dropper	Dished channel	Classic quadrant	Classic flat top edging	Classic wide top crossing	Classic wide top radius	Classic wide top dropper	Classic step insert	Classic wide top step insert
Length	914	914	914	780	914	914	n/a	914	914	780	914	914	914
Height	255	205	150	255	255-150	125	150	150	205	205	205	255	205
Width	145	290	145	145	145	255	R305	50	290	290	290	145	290
Edge profile	SQ	SQ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Profile	SQ	SQ	SQ	SQ	SQ	SQ	SQ	SQ	SQ	SQ	SQ	SQ	SQ
Finish	Textured	Textured	Textured	Textured	Textured	Textured	Textured	Textured	Textured	Textured	Textured	Textured	Textured
Weight (approx kg)	80	125	50	71	80	60	40	15	60	100	60	80	130
Colour available	BF	BF^	BF	BF	BF	BF^	BF	BF	BF^	BF^	BF^	BF^	BF^

BF – Black Fleck

SQ – Square / WT – Wide Top

\*Classic radius units available in 1.8, 3, 6 and 9 metre external radius versions.

\*\*Classic Wide Top radius units available in 3, 6 and 9 metre external radius versions.

^Made to order.



Q10. For NBS clauses, refer to Aggregate Industries technical services

# Charcon EcoKerb®

## Design standards

All installations should be detailed and constructed in accordance with BS7533: Part 6.

## EcoKerb

### Sub-grade

As for adjoining paved areas.

### Sub-base

As for adjoining paved areas.

### Bedding and haunching

Material: concrete (grade ST1).

EcoKerb minimum dimensions:

Bed: 150mm

Haunch: 100mm (see Fig 1).

### Detailing

EcoKerb: select from 1.8, 3, 6 or 9 metre radius units (external only).

EcoKerb: use left-hand and right-hand droppers with crossing kerb units.

## Haunching

All kerbing should normally be haunched with concrete to ensure full stability and support for adjacent paving and to help withstand occasional vehicular impact.

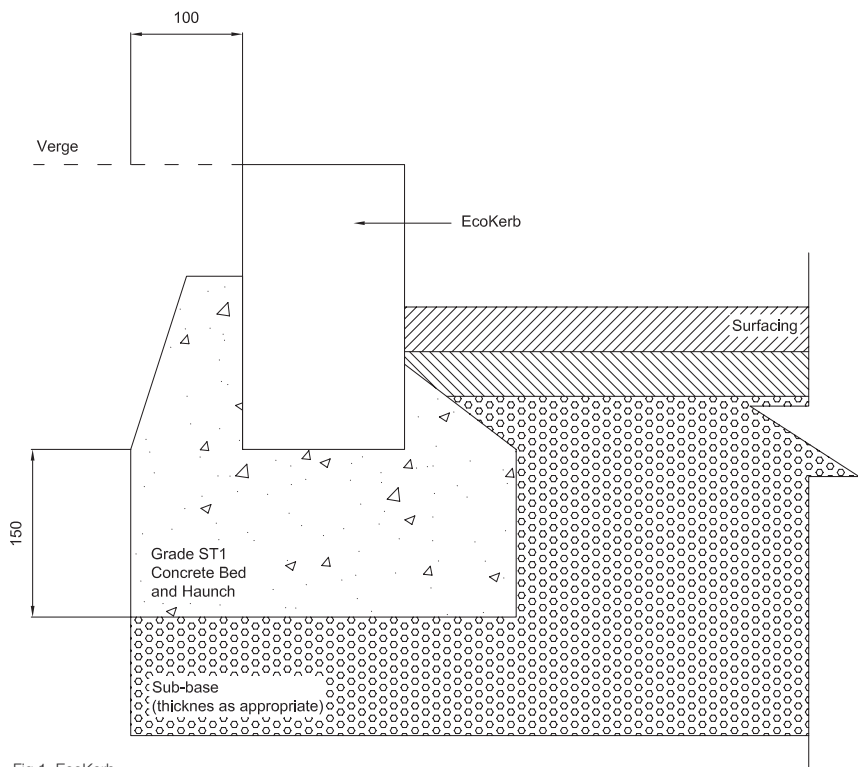


Fig 1. EcoKerb

## Sustainability and local sourcing

**Energy use:** Aggregate Industries is at the forefront of sustainability and has committed to reduce carbon emissions by 20% by 2016 based on a 2012 base line.

**Recyclable:** 100% of the product can be recycled thus reducing the amount of material that is sent to landfill.

**Manufacturing location:** Produced in the UK, with locally sourced materials under strict environmental and social legislation, for local supply.

**Responsible sourcing:** Aggregate Industries is the first company in the world to achieve accreditation to the BES 6001 Framework Standard for the Responsible Sourcing of Construction Products. Aggregate Industries has achieved an 'Very Good' rating for major product groups. The BES 6001 standard assesses:

- quality management
- environmental management
- health and safety management
- a range of social and environmental issues.

## Life

Life is our range of sustainable products and services. For more information please visit [www.aggregate.com/life](http://www.aggregate.com/life)

## Key aggregates and recycled content

EcoKerb is manufactured using high quality, hard wearing granite aggregates with 82% recycled material content.

## Generic green guide rating\*

Not applicable.

## Policies

Aggregate Industries' policies on the environment and community, health and safety and sustainable solutions for different product applications can be viewed on our website [www.aggregate.com](http://www.aggregate.com)

## Design and installation

For successful installation refer to BS 7533 Part 6. For specific design, installation and maintenance guidance, please contact our technical department on 01335 372222.

## Maintenance and cleaning

Aggregate Industries can supply on request advice on specific stain removal and general maintenance, suitable cleaning products and referrals to specialist cleaning companies.

## COSHH data

Full COSHH data on the Charcon range of products is available on request. Please call the technical helpline on 01335 372222.

## Technical support

Detailed guidance and assistance with the preparation of specification of the Charcon range of hard landscaping products, including model clauses, is available through the sales office. A free technical design service is also available.

**For further information, please refer to our technical services on 01335 372222.**

\*Ratings based upon generic green guide values (2009) supplied by BRE Global Ltd, [www.thegreenguide.co.uk](http://www.thegreenguide.co.uk)

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